AUTODOC CLUB

How to change spark plugs on **VW Golf 6** – replacement guide





VIDEO TUTORIAL



Important!

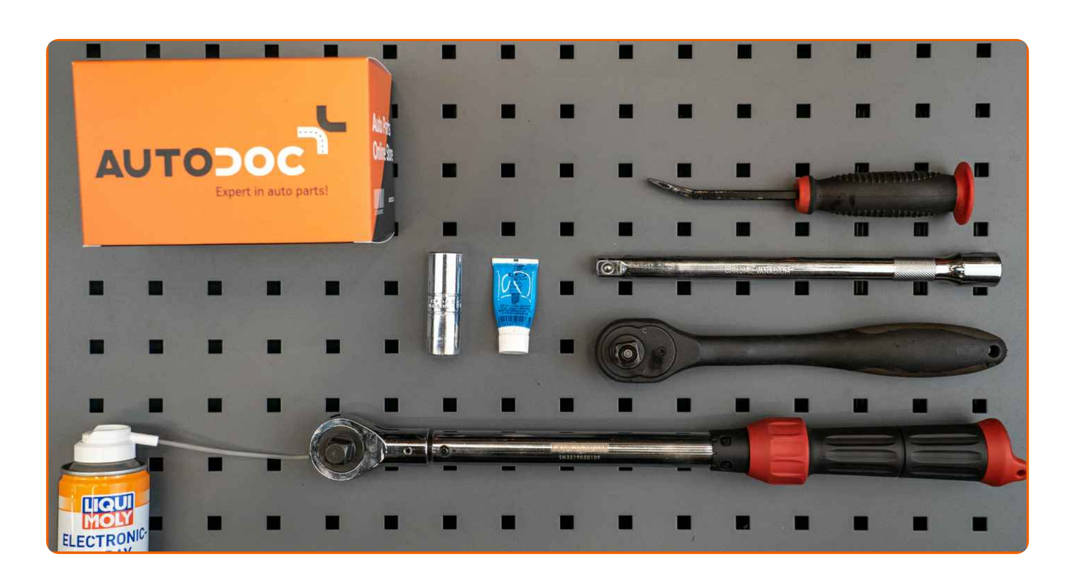
This replacement procedure can be used for:
VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 2.0 TSI, VW GOLF III (1H1) 2.0 GTI 16V, VW PASSAT Variant (3A5, 35I) 2.0 16V, VW PASSAT (3A2, 35I) 2.0 16V, VW PASSAT (3A2, 35I) 1.6, VW PASSAT Variant (3A5, 35I) 1.6, VW GOLF III (1H1) 1.6, VW Vento (1H2) 1.6, VW GOLF III Variant (1H5) 1.6, VW Golf III Convertible (1E7) 1.6, VW GOLF VI (5K1) 1.6 MultiFuel, VW SHARAN (7M8, 7M9, 7M6) 2.0, (+ 164)

The steps may slightly vary depending on the car design.





REPLACEMENT: SPARK PLUGS – VW GOLF 6. TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Electronic spray
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Crow bar
- Fender cover

BUY TOOLS





Replacement: spark plugs – VW Golf 6. Professionals recommend:

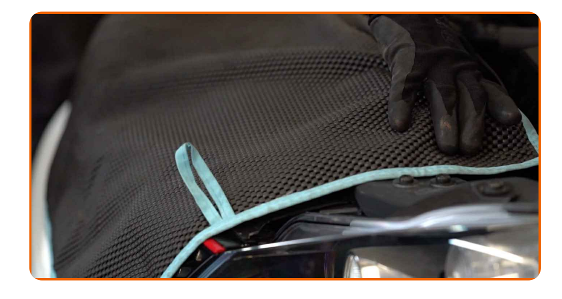
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – VW GOLF 6. TAKE THE FOLLOWING STEPS:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



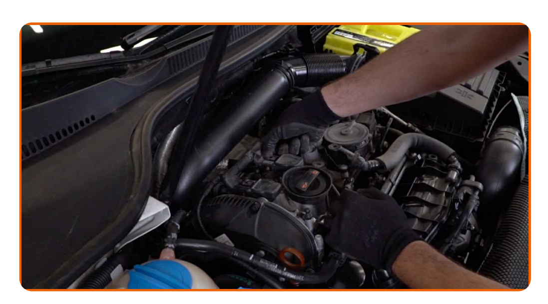
3 Remove the engine cover.



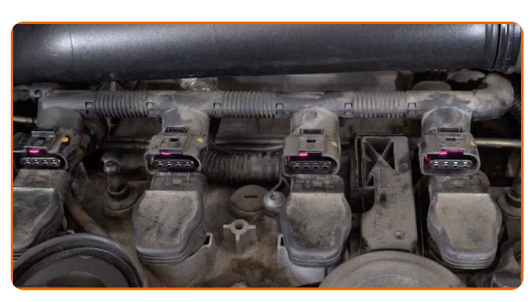




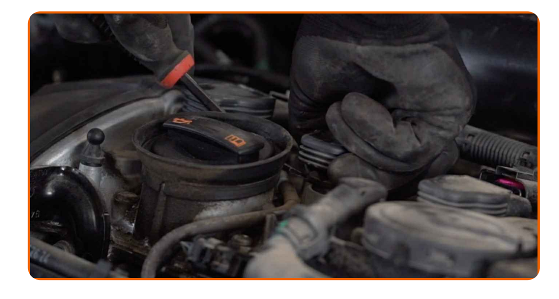
4 Unplug the connectors from the ignition coils.



5 Raise a little the wiring of the ignition coils and move it aside.



6 Pry up the ignition coil (4 pieces). Use a crowbar.



7 Take out the ignition coils from the spark plug wells.



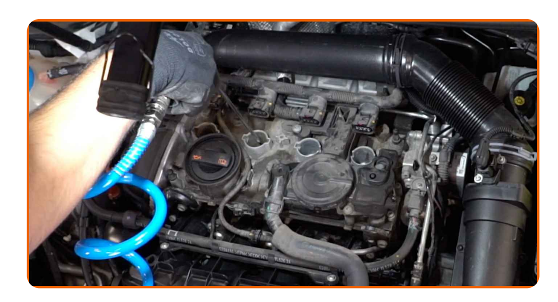
Replacement: spark plugs – VW Golf 6. Tip:

- Remember the sequence of steps for ignition coil demounting.





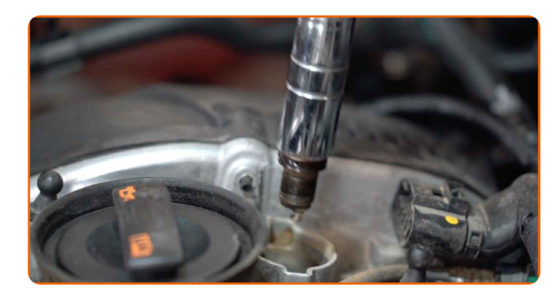
8 Clean dirt, dust and debris from inside the spark plug wells.



9 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



10 Take out the spark plugs.



11 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs. Treat the surface of the terminals of the new spark plugs. Use high-temperature grease.



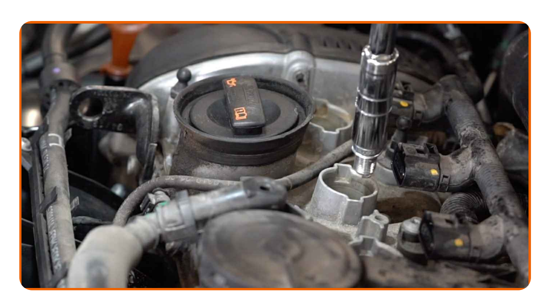






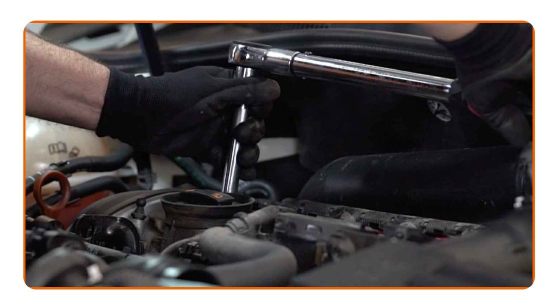
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Install the new spark plugs into their mounting seats.



13

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.

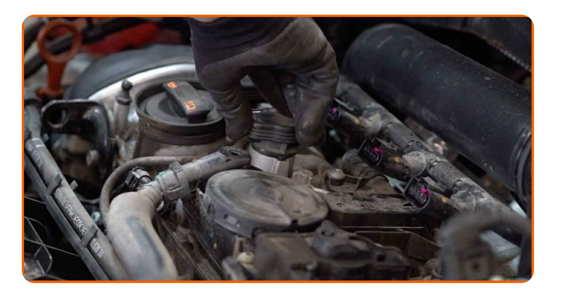


Replacement: spark plugs – VW Golf 6. AUTODOC recommends:

- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.

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Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.







Replacement: spark plugs – VW Golf 6. Tip from AUTODOC experts:

- Follow the installation sequence.

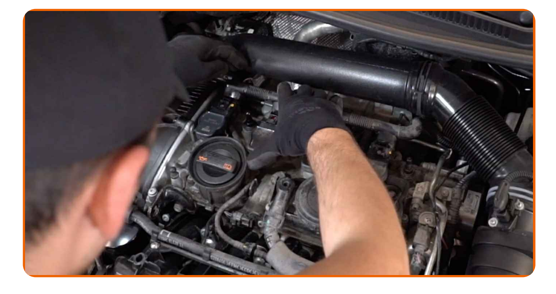
15 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



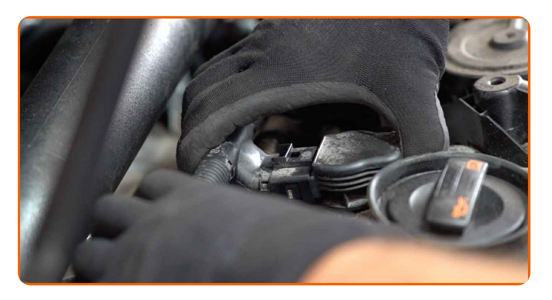
AUTODOC recommends:

- Replacement: spark plugs – VW Golf 6. After applying the spray, wait a few minutes.

16 Plug in the connectors of the ignition coils.

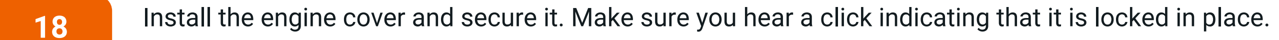


17 Secure the wiring of the ignition coils in its mounting seats.

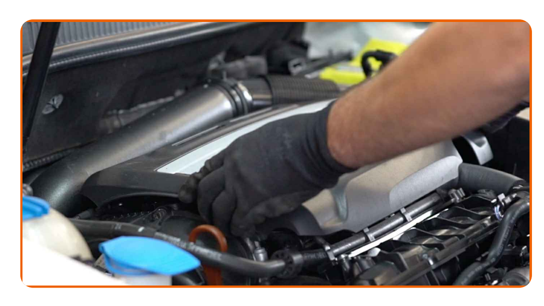


Replacement: spark plugs – VW Golf 6. AUTODOC experts recommend:

- Make sure that all connectors are attached to the ignition coils.



18 Install the engine cover and secure it. Make sure you hear a click indicating that it is locked in place.



19 Remove the fender protection cover.



20 Close the hood.



21 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.





22 Shut off the engine.

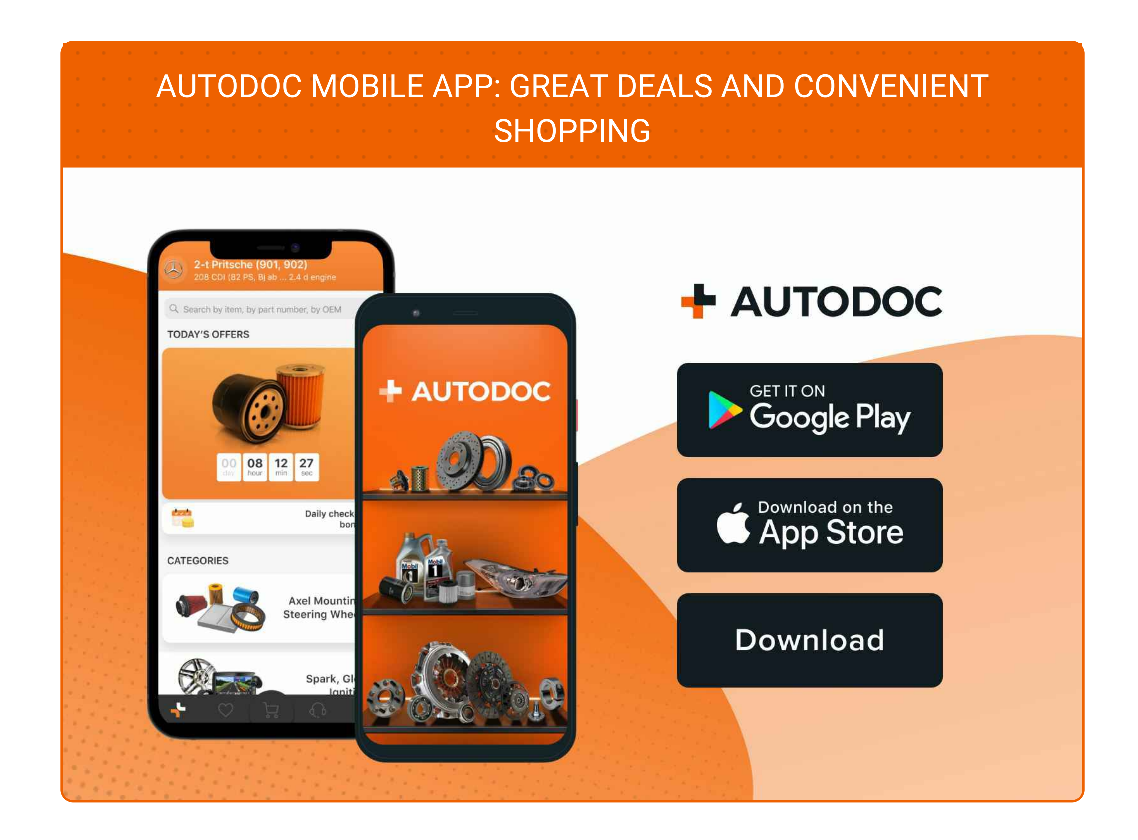


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